

FIG. 1

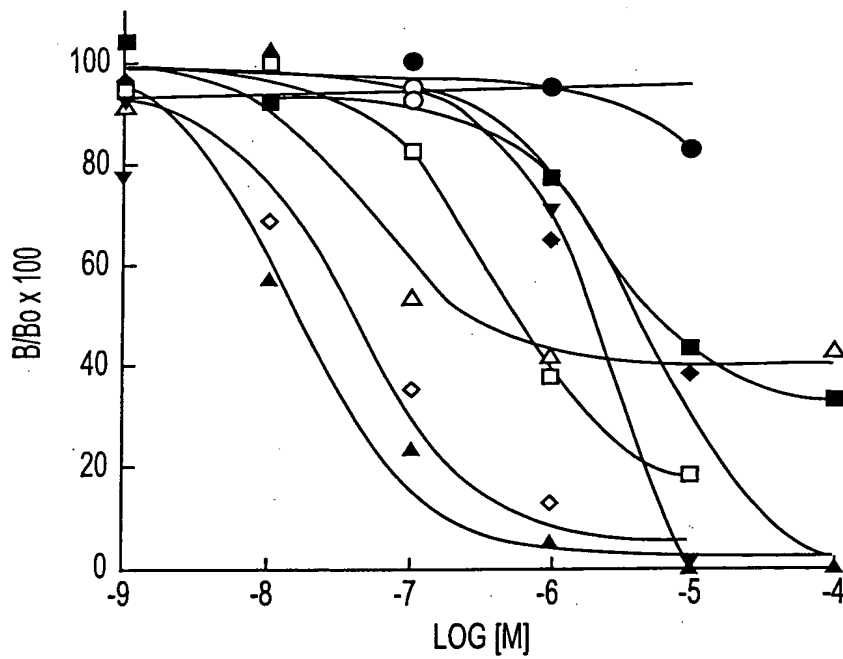


FIG. 2

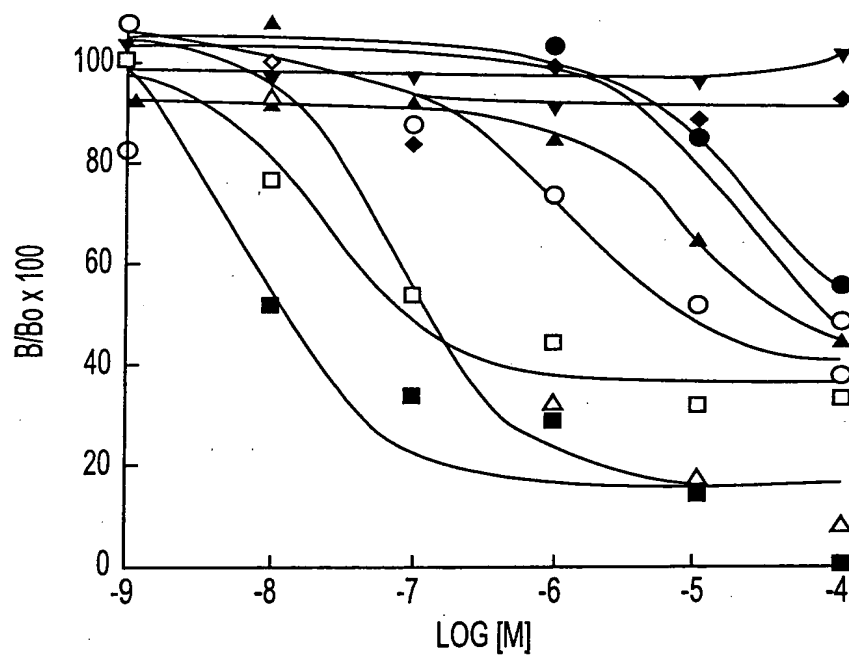


FIG. 3

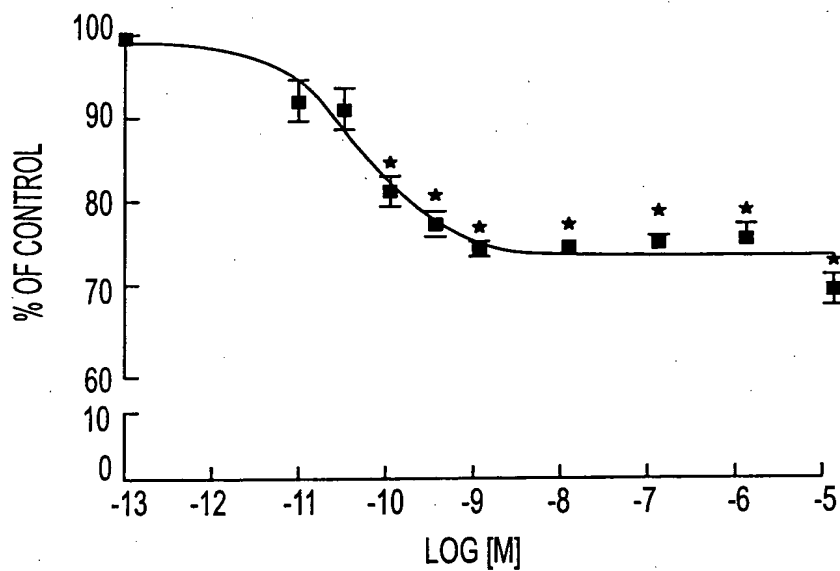


FIG. 4

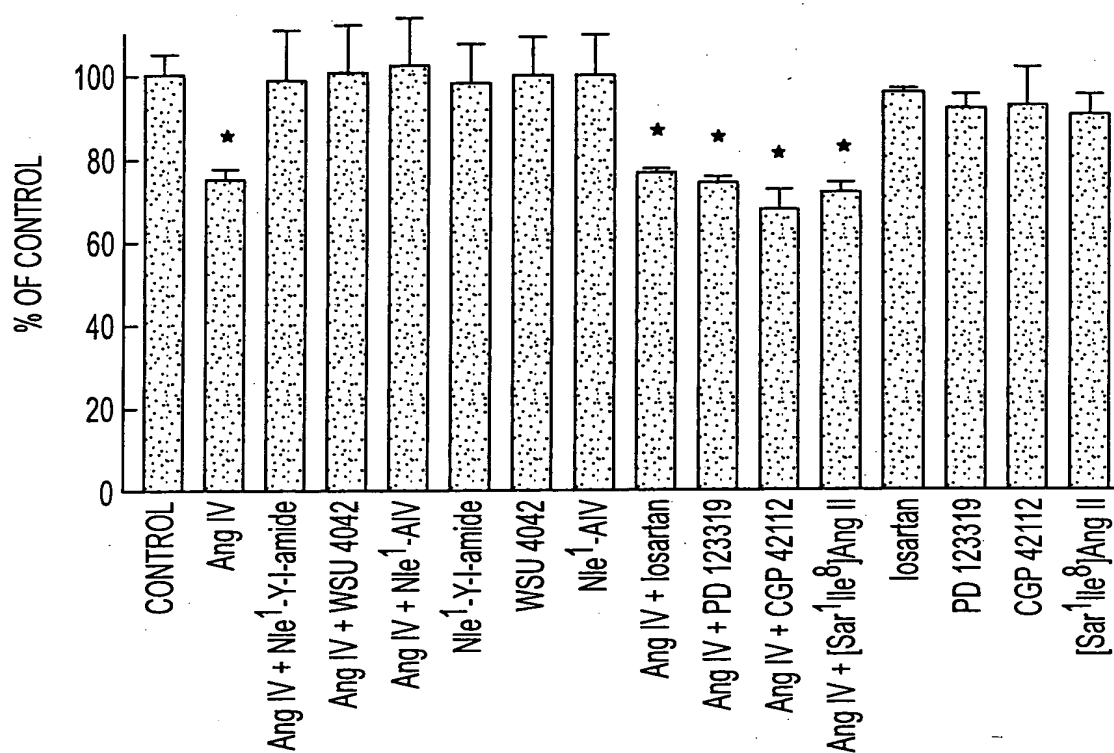
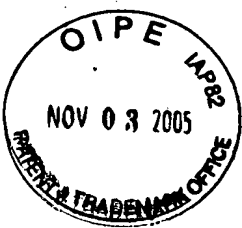


FIG. 5

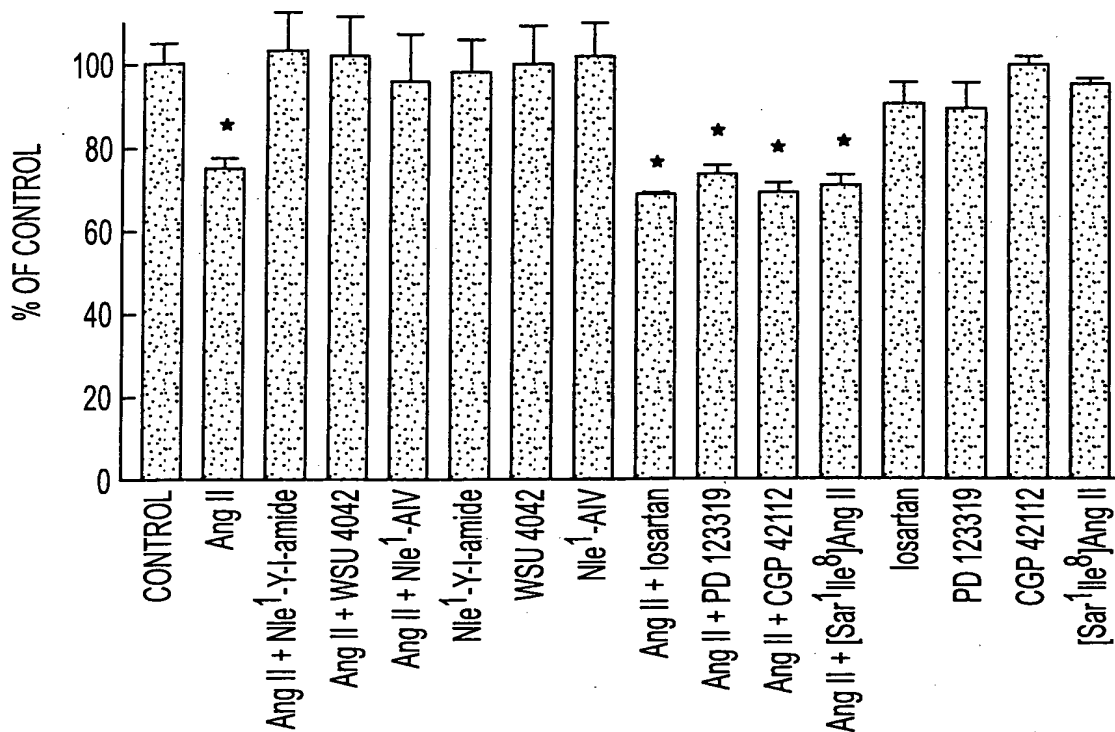


FIG. 6



FIG. 7

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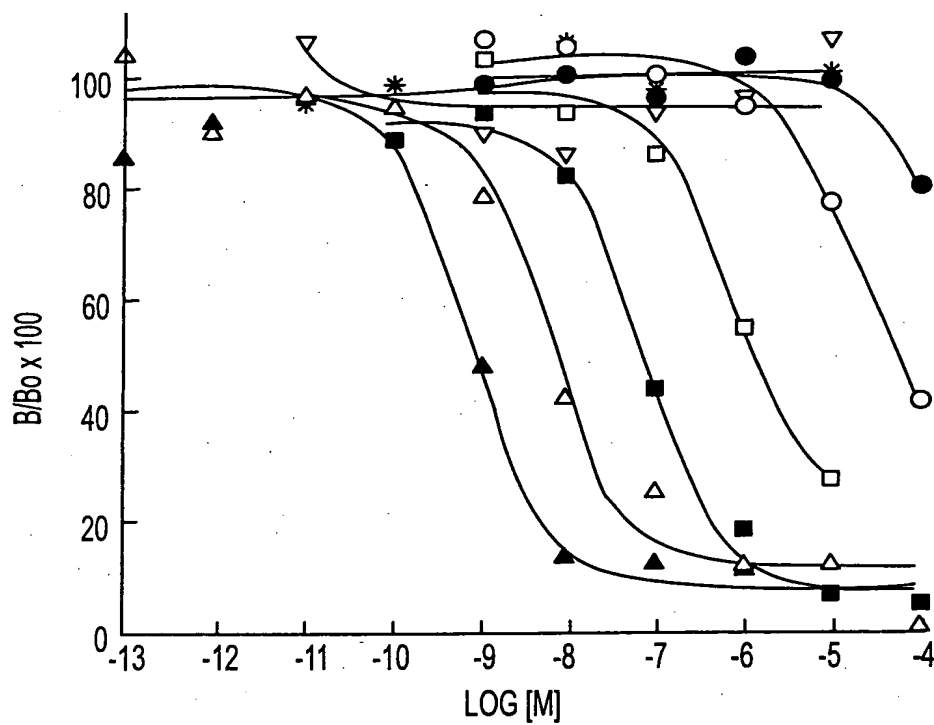


FIG. 8

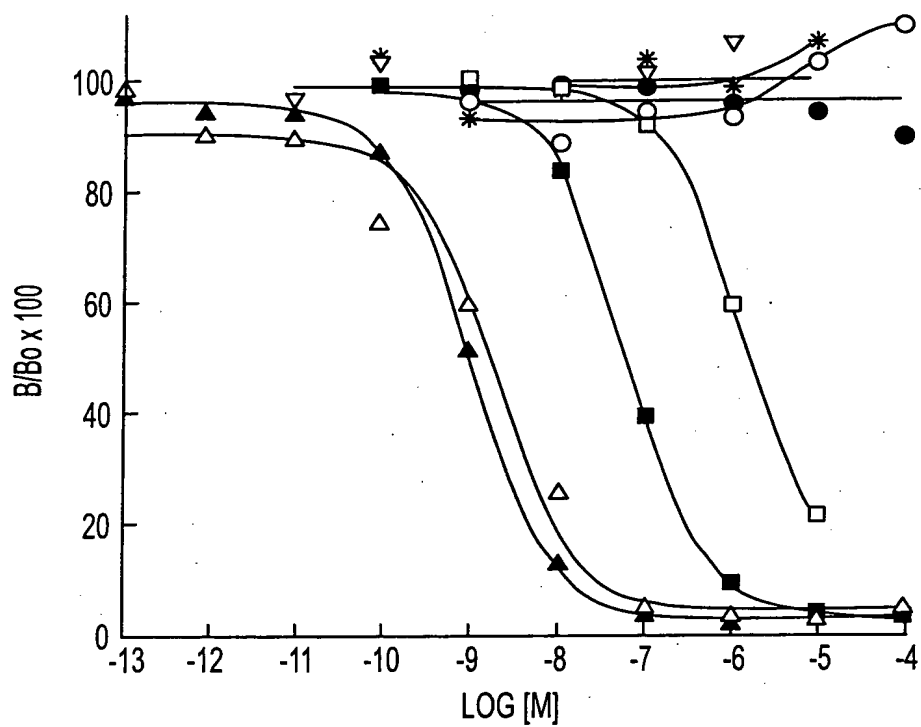


FIG. 9

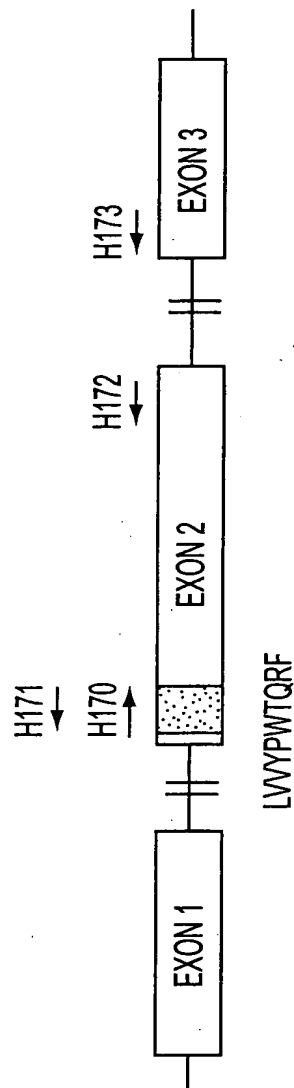


FIG. 10A

OLIGONUCLEOTIDE SEQUENCES:

H170: 5' CTGGTTGTCTACCCCTGGACTCAGAG 3'
 H171: 5' CTCTGAGTCCAGGGGTAGACAACCAG 3'
 H172: 5' CTCAGGATCCACATGCAGCTTATCAGAG 3'
 H173: 5' CAGCACACCACTAGCACATTGCC 3'

FIG. 10B

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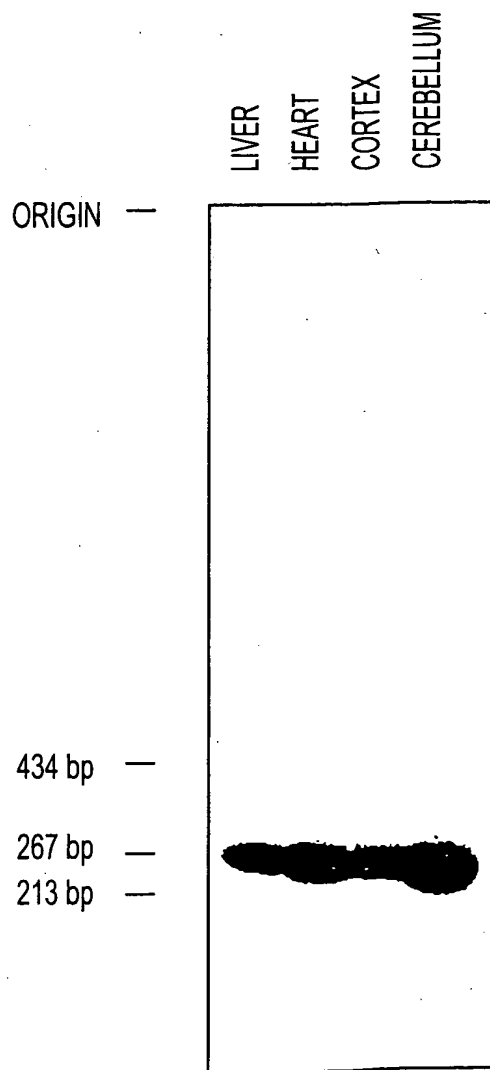


FIG. 11

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EX CACAACTCAGAAACAGACACCATGGTGCACCTGA
RNBGLO TGCTTCTGACATAGTTGTGTTGACTCACAACTCAGAAACAGACACCATGGTGCACCTGA
10 20 30 40 50 60
EX CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGGAAAGGTGAACCTGATGATGTTG
RNBGLO CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGGAAAGGTGAACCTGATGATGTTG
70 80 90 100 110 120
EX GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCTTGGACCCAGAGGTACTTTGATA
RNBGLO GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCTTGGACCCAGAGGTACTTTGATA
130 140 150 160 170 180
EX GCTTTGGGGACCTGTCCTCTGCCTCTGCTATCATGGGTAACCCTAAGGTGAAGGCCCATG
RNBGLO GCTTTGGGGACCTGTCCTCTGCCTCTGCTATCATGGGTAACCCTAAGGTGAAGGCCCATG
190 200 210 220 230 240
EX GCAAGAAGGTGATAAACGCCTTCAATGATGGCCTGAAACACTTGGACAACCTCAAGGGCA
RNBGLO GCAAGAAGGTGATAAACGCCTTCAATGATGGCCTGAAACACTTGGACAACCTCAAGGGCA
250 260 270 280 290 300
EX CCTTTGCTCATCTGAGTGAACCTCCACTGTGACAAGCTGCATGTGGATCCTGAGAACTTCA
RNBGLO CCTTTGCTCATCTGAGTGAACCTCCACTGTGACAAGCTGCATGTGGATCCTGAGAACTTCA
310 320 330 340 350 360
EX GGCTCCTGGGCAATATGATTGTGATTGTGTTGGGCCACCACCTGGGCAAGGAATTCACCC
RNBGLO GGCTCCTGGGCAATATGATTGTGATTGTGTTGGGCCACCACCTGGGCAAGGAATTCACCC
370 380 390 400 410 420
EX CCTGTGCACAGGCTGCCTTCCAGAAGGTGGTGGCTGGAGTGGCCAGTGCCCTGGCTCACA
RNBGLO CCTGTGCACAGGCTGCCTTCCAGAAGGTGGTGGCTGGAGTGGCCAGTGCCCTGGCTCACA
430 440 450 460 470 480
EX AGTACCACTAAACCTCTTTTCTGCTCTTGTCTTTGTGCAATGGTCAATTGTTCCCAAGA
RNBGLO AGTACCACTAAACCTCTTTTCTGCTCTTGTCTTTGTGCAATGGTCAATTGTTCCCAAGA
490 500 510 520 530 540
EX GAGCATCTGTCAGTTGTTGTCAAAATGACAAAGACCTTTGAAAATCTGTCCTACTAATAA
RNBGLO GAGCATCTGTCAGTTGTTGTCAAAATGACAAAGACCTTTGAAAATCTGTCCTACTAATAA
550 560 570
EX AAGGCATTACTTTCACTGCAAAAAAAAAAAAAAAAAA
RNBGLO AAGGCATTACTTTCACTGC

FIG. 12



EX CACAACTCAGAAACAGACACCATGGTGCACCTGA
M V H L

EX CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGGAAAGGTGAACCCTGATGATGTTG
T D A E K A A V N G L W G K V N P D D V

EX GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCTTGACCCAGAGGTACTTTGATA
G G E A L G R L L V V Y P W T Q R Y F D

EX GCTTTGGGGACCTGTCCTCTGCCTCTGCTATCATGGGTAACCCTAAGGTGAAGGCCCATG
S F G D L S S A S A I M G N P K V K A H

EX GCAAGAAGGTGATAAACGCCTTCAATGATGGCCTGAAACACTTGGACAACCTCAAGGGCA
G K K V I N A F N D G L K H L D N L K G

EX CCTTTGCTCATCTGAGTGAACCTCCACTGTGACAAGCTGCATGTGGATCCTGAGAACTTCA
T F A H L S E L H C D K L H V D P E N F

EX GGCTCCTGGGCAATATGATTGTGATTGTGTTGGGCCACCACCTGGGCAAGGAATTCACCC
R L L G N M I V I V L G H H L G K E F T

EX CCTGTGCACAGGCTGCCTTCCAGAAGGTGGTGGCTGGAGTGGCCAGTGCCTGGCTCACA
P C A Q A A F Q K V V A G V A S A L A H

EX AGTACCACTAAACCTCTTTTCCTGCTCTTGTCTTTGTGCAATGGTCAATTGTTCCCAAGA
K Y H *

EX GAGCATCTGTCAGTTGTTGTCAAAATGACAAAGACCTTTGAAAATCTGTCCTACTAATAA

EX AAGGCATTACTTTCACTGCAAAAAAAAAAAAAAAAAA

FIG. 13

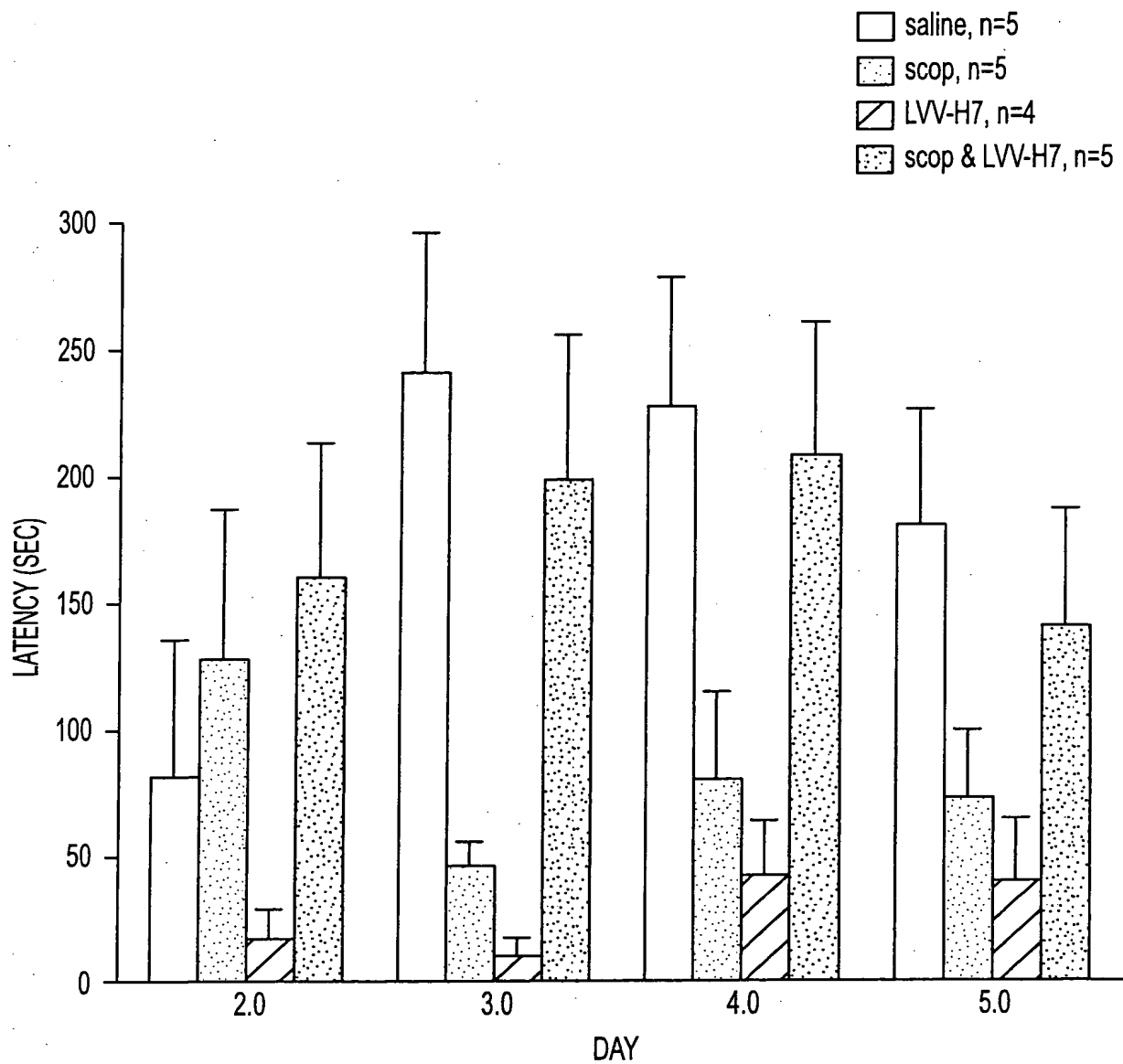


FIG. 14

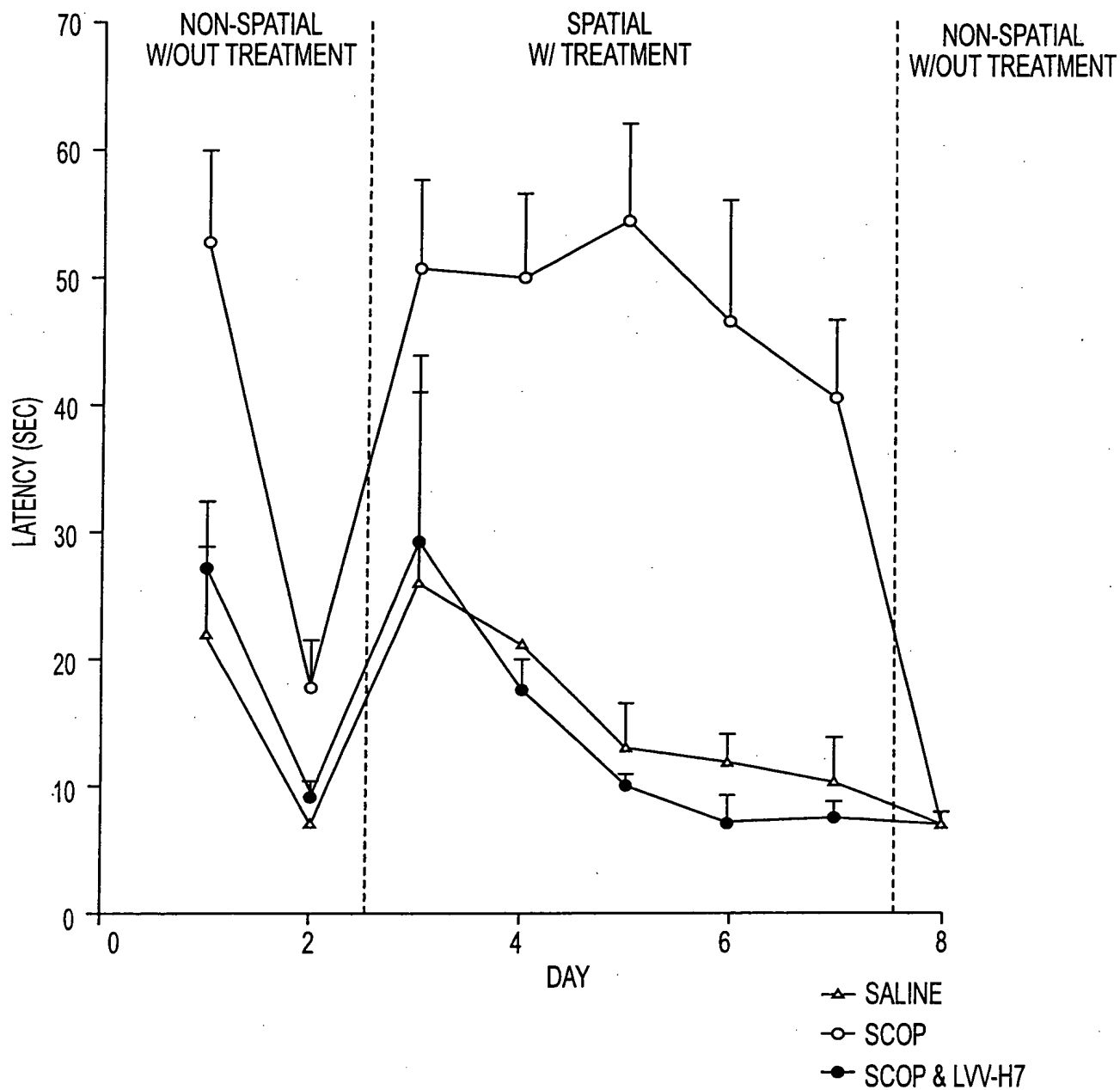
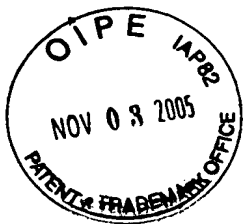


FIG. 15